

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ISOLATION OF A GENE ENCODING HUMAN THYROTROPIN BETA SUBUNIT,  
the specification of which

(X) is attached hereto.

( ) was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

Foreign Priority Applications

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

(Number) (Country) (Day/Month/Year Filed) Yes ( ) No ( )

(Number) (Country) (Day/Month/Year Filed) Yes ( ) No ( )

U.S. Priority Applications

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Applic. Serial No.) (Filing Date) (Status-patented/pending/abandoned)

(Applic. Serial No.) (Filing Date) (Status-patented/pending/abandoned)

Power of Attorney

I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: John E. Lynch, Reg. No. 20,940; Peter F. Felfe, Reg. No. 20,297; Marshall J. Chick, Reg. No. 26,853; Alfred H. Hemingway, Jr., Reg. No. 26,736; William R. Evans, Reg. No. 25,858; Hallie R. Levie, Reg. No. 31,116; Vincent M. Fazzari, Reg. No. 26,879; Stephen B. Shear, Reg. No. 28,116; Marius J. Jason, Reg. No. 27,805; Charles A. Blank, Reg. No. 17,419; Norman D. Hanson, Reg. No. 30,946, my attorneys with full power of substitution and revocation. Address all telephone calls to Norman D. Hanson, (212) 688-9200. Address all correspondence to:

FELFE & LYNCH  
805 Third Avenue  
New York, New York 10022

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Ione A. Kourides  
Full Name/Sole or First Inventor

*Ione A Kourides*  
Signature

*10/27/1985*  
Date

Residence: 63 Groton Street  
Forest Hills, New York 11375

United States  
Citizenship

Post Office Address: 63 Groton Street  
Forest Hills, New York 11375

(2) Graham Kerr Whitfield  
Full Name/Second Joint Inventor

*Graham Kerr Whitfield*  
Signature

*12-2-85*  
Date

Residence: 504 East 81st Street, Apt. 2M  
New York, New York 10028

United States  
Citizenship

Post Office Address: 504 East 81st Street, Apt. 2M  
New York, New York 10028

ASSIGNMENT

Whereas the undersigned [hereinafter (collectively) "ASSIGNOR"] have invented certain new and useful improvements in

(Title of Application) ISOLATION OF A GENE ENCODING HUMAN THYROTROPIN BETA SUBUNIT

for which an application for United States Letters Patent was executed concurrently herewith unless otherwise indicated.

Whereas (Name and address of Assignee) SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH  
1275 York Avenue  
New York, New York 10021

a New York corporation (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in the same:

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is hereby acknowledged, and other good and valuable consideration, the said ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and all other countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States, and all other countries.

Said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, as the assignee of the entire right, title, and interest in and to the same, for the sole use and for the use of its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by said ASSIGNOR had this assignment and sale not been made.

Witness, the hand and seal of the ASSIGNOR on the date(s) indicated.

Date(s)

Signature(s)

Dec 7, 1985

RECORDED

Jane A. Kourides  
Jane A. Kourides

DEC 11 1985

12-2-85

2) Graham Kerr Whitfield

Graham Kerr Whitfield

FELPE & LYNCH  
805 Third Avenue  
New York, New York 10022  
(212) 688-9200